

CLAIMS

1. Oxidic catalyst composition comprising 5-60 wt% of a divalent metal, 5-60 wt% of a trivalent metal, and 35-60 wt% of a rare earth metal, calculated as
5 oxide and based on the total weight of the oxidic catalyst composition.
2. An oxidic catalyst composition according to claim 1 wherein the divalent metal is Mg.
- 10 3. An oxidic catalyst composition according to claim 1 or 2 wherein the trivalent metal is Al.
4. Process for preparing an oxidic catalyst composition according to any one of the preceding claims, which process involves forming a precipitate from a
15 solution containing dissolved divalent, trivalent, and rare earth metal salts, followed by calcination of the precipitate obtained.
5. Process for preparing an oxidic catalyst composition according to any one of claims 1-3, which process involves the calcination of a physical mixture of a
20 divalent, a trivalent, and a rare earth metal source.
6. Catalyst particle comprising the oxidic catalyst composition according to any one of claims 1-3, a matrix or filler material, and a molecular sieve.
- 25 7. Use of the oxidic catalyst composition of any one of claims 1-3 or the catalyst particle of claim 6 in an FCC process.